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PATENT  
51270-245583

4/25/03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Y. YOSHIOKA, ET AL.

Serial No: 09/181,021

Filed: October 27, 1998

For: CONVERTING APPARATUS OF  
VOICE SIGNAL BY MODULATION OF  
FREQUENCIES AND AMPLITUDES  
OF SINUSOIDAL WAVE  
COMPONENTS

) Art Unit: 2641

) Examiner: A. ARMSTRONG

I hereby certify that this correspondence is  
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Name

James M. Wakely

Signature

04/16/2003  
Date

AMENDMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

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APR 24 2003

Technology Center 2600

Dear Sir:

In response to the Office Action dated January 16, 2003 in connection with the  
above-identified application, please enter and consider the following amendment and  
remarks.

04/23/2003 EHAILE1 00000012 09181021

01 FC:1201 420.00 DP  
02 FC:1202 36.00 DP